

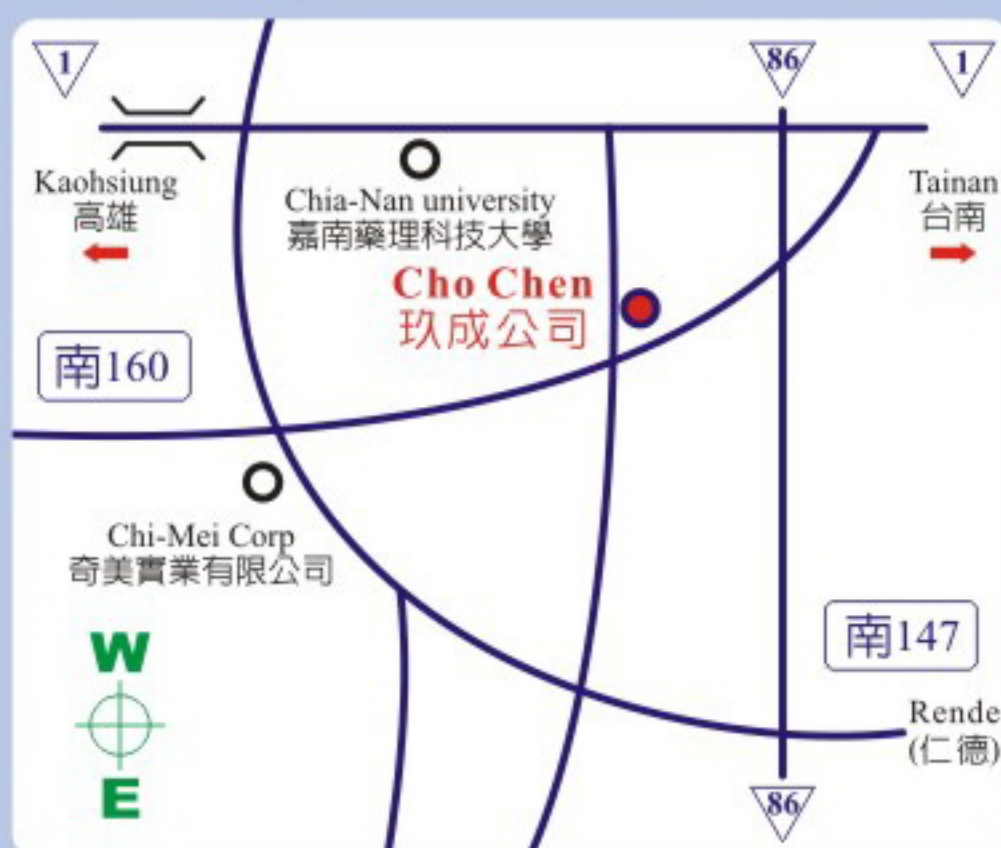


Cho Chen Industry Co.,Ltd

— 玖成企業股份有限公司 —



Specialized In Cast Acrylic Sheet



► **Cho Chen Ind. Co., Ltd (Taiwan Factory & Head Office)**
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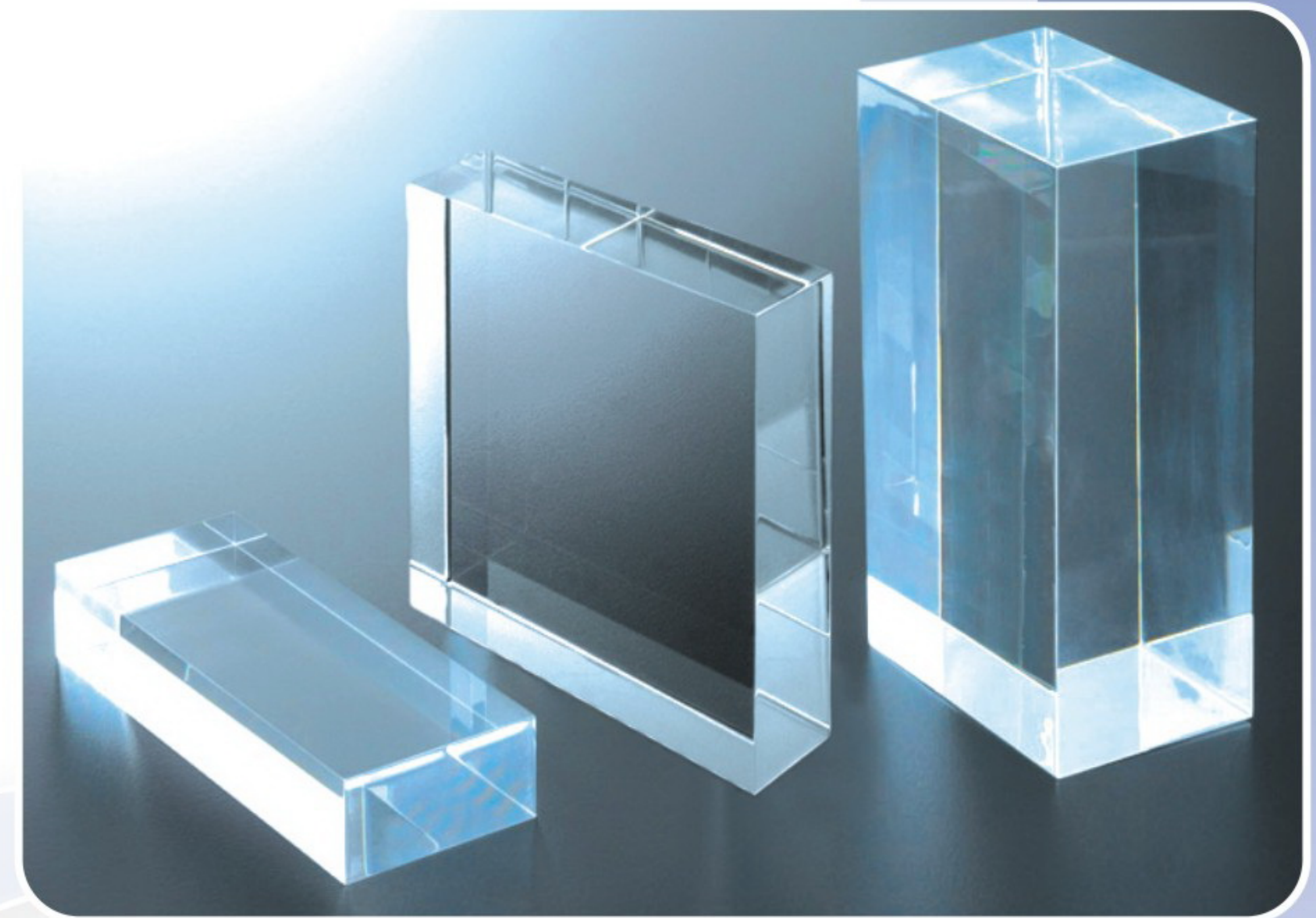


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CHO CHEN

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Company Profile

- Established Year : 1989
 - Managing Director : Song, Chin Liang.
 - Premises : Taiwan (est 1989) & Vietnam (est 2009)
 - Capacity : 800~1,000 tons per month
 - Staff : 200
 - Main Products :
 - Cast Acrylic Sheet
 - Sanitary Acrylic Sheet
 - Antimicrobial Protection Sheet
 - Noise Barrier
 - CRR Sheet (Chemical Reagent Resistance Sheet)
 - Agama Acrylic Sheet (Color Changeable Sheet)
 - Sales Area :
 - Taiwan / Australia & NZ / North America / Middle East / South-East Asia
-
- 創 立 日 期 : 1989年
 - 總 經 理 : 宋金良
 - 廠 房 : 台灣廠(1989)及越南廠(2009)
 - 總 產 能 : 800~1,000噸/年
 - 總 員 工 : 200人
 - 主 要 產 品 : GP級壓克力板、衛浴級浴缸板、防黴抗菌板、壓克力隔音牆、耐化學性板、變色龍板。
 - 主要銷售地區 : 台灣 / 北美地區 / 大洋洲地區 / 東南亞 / 中東

Certificate and Accreditation

Commitment to Consistent Quality of Material 原料品質



(KMC:ISO 9001 ACCREDITATION 品保證書) (KMC ISO 14001環保認證)

Kaohsiung Monomer Company Ltd has been Cho Chen's supplier through the past decades. Our supplier, with strong commitment to high & consistent quality and through the advanced-tech assistance from the Lucite International, has acquired both ISO 9001 (Quality systems) accreditation and ISO 14001 (environment management system) accreditation.

玖成公司所使用的原料 MMA，多年來一直由高雄塑酯化學工業股份有限公司(Kaohsiung Monomer Co. 簡稱 KMC)提供原料。KMC公司並獲得 ISO 9001 品保認證及 ISO 14001 環保認證。

Certificate and Accreditation

Commitment to Consistent Quality of Product 產品品質



(Cho Chen - ISO 9001:2008 certification) (玖成 ISO 9001:2008 認證)

Cho Chen is certified to ISO 9001 : 2008, our product also comply with regulations of RoHS (the restriction of the Use of Certain Hazardous Substances) by SGS to ensure product safety.

玖成企業通過ISO 9001: 2008認證，產品亦通過瑞士 SGS 認證符合歐盟 RoHS (六大限用有害物質檢驗規範)的標準。

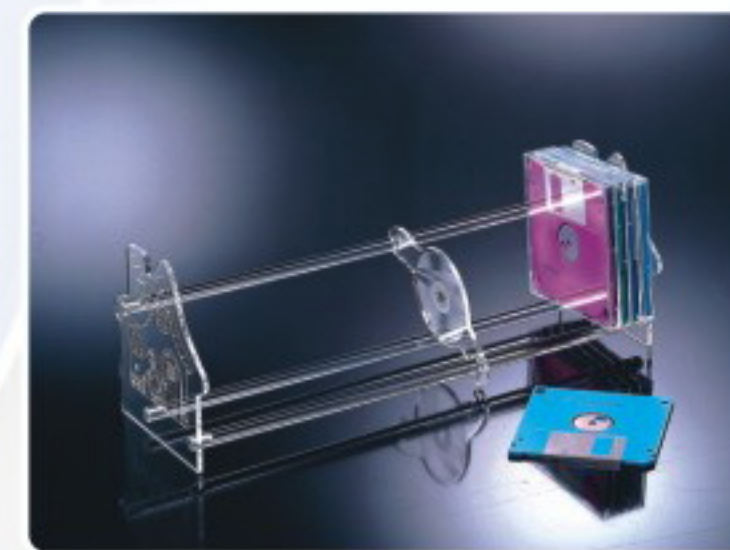
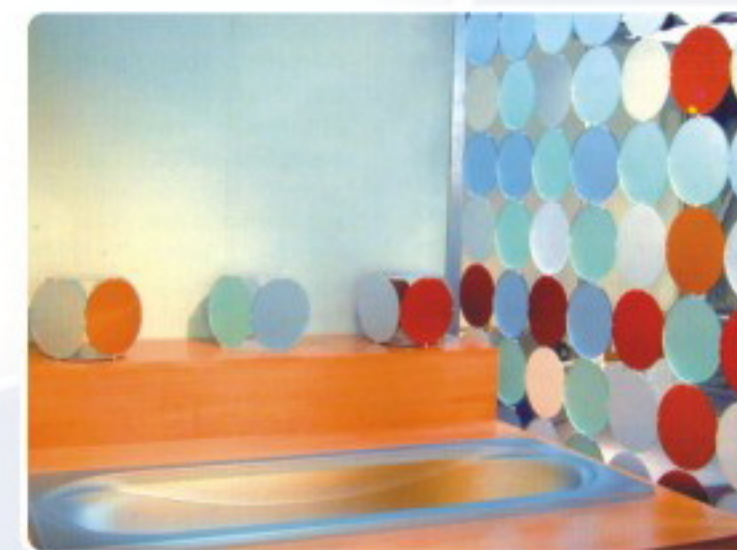
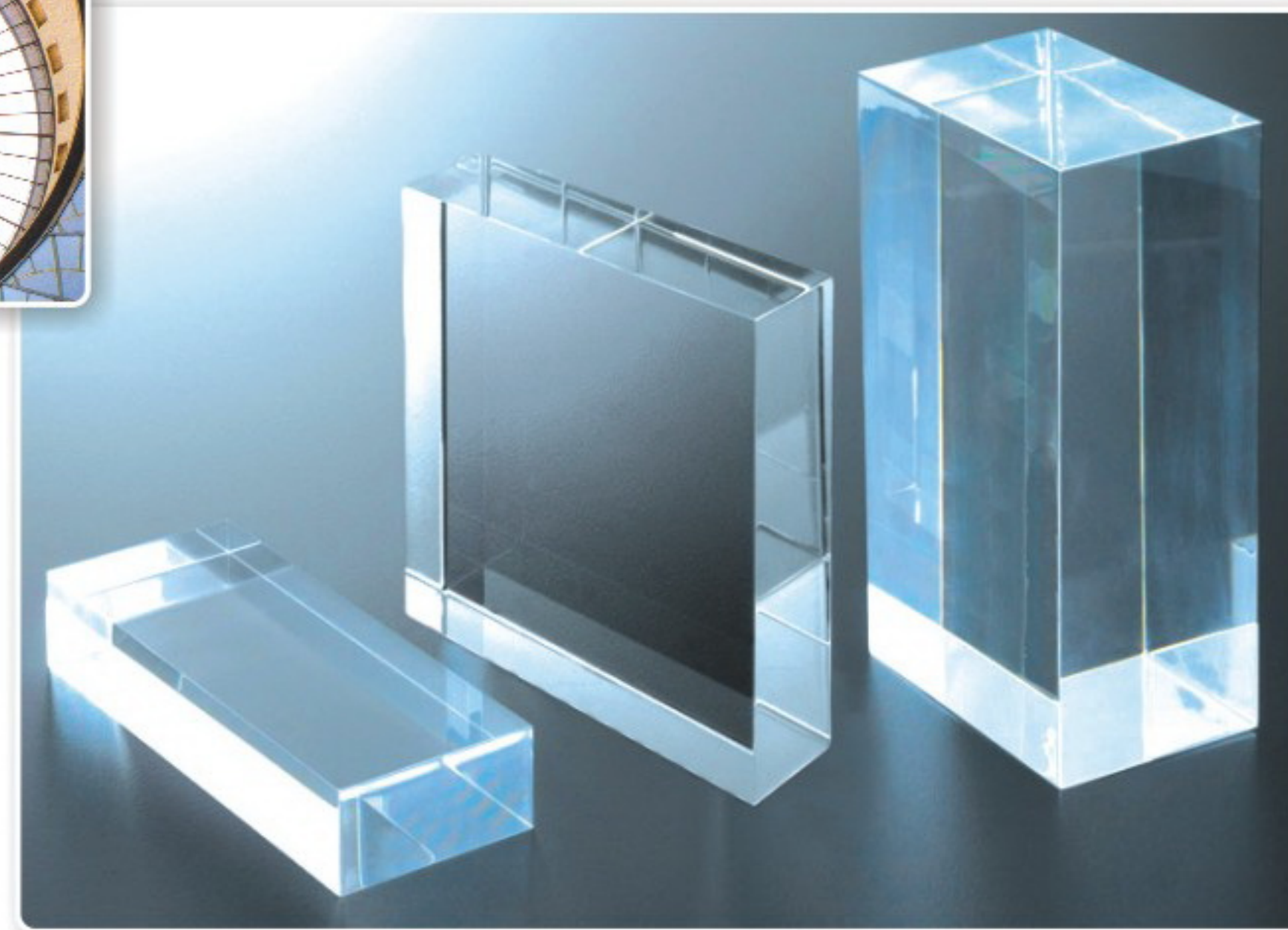
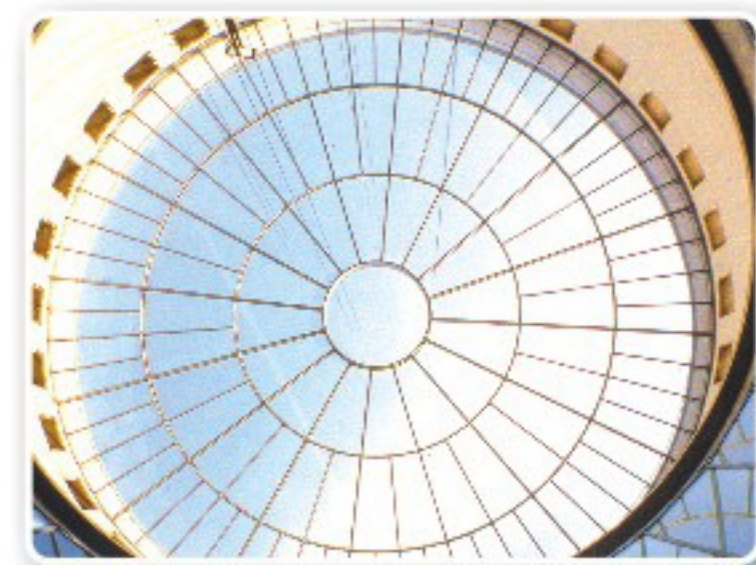
Products and Applications

Cast Acrylic Sheet (GP)

Characteristics & Applications of Cho Chen Acrylic:

It has many excellent characteristics such as light in weight, weather resistance and formability.

As it is the most gorgeous and magnificent in all of the plastics, it is used for light fixture, building material, industrial material, signboard, daily necessities, and so on.



- Optical Clarity
透明度高
- Light In Weight
輕美而強韌
- Various Colors
色彩多樣化
- Superb Weathering
耐候性極佳
- Ease of Fabrication
加工容易
- Chemical Resistance
耐化學藥品性良好

一般級壓克力板

壓克力之用途與特性

由於具有高透明性、耐候性及熱成型性，故廣泛用於照明器具、招牌廣告、建築門窗、隔間樓梯台、採光浪板、屋頂採光蓋、建築裝飾用板、傢俱、日常用品、電器機械產品(機器透明蓋、安全罩)、光學透鏡及車輛交通用途。



▲ 壓克力板
Max size : 2000mm × 3000mm
Thickness : 2mm ~ 50mm

More colors please check

<http://color.acrylicap.com>



Acrylic Sheet Color Selector

Products and Applications

Sanitary Sheet

1. Forming Temperature

The normal temperature for forming acrylic sheet is about 160°C~185°C (320F~365F), however if the part being formed has small sharp radii, it may be necessary to raise the temperature step by step to a maximum of 200°C (392F) **providing the sheet has not been exposed to moisture or high humidity.**

2. Heating Method

Regardless of the type of oven used, forced air or electric infrared, it is important to raise the sheet temperature step by step. Only when the entire sheet is heated thoroughly that is the top, middle and bottom to a consistent forming temperature, it is permissible to form the sheet.

2-1) Forced Air Circulating Oven

Since a fan evenly distributing the heated air throughout the oven, you can get good uniform forming temperatures.

2-2) Electric Infrared Oven

In the use of this oven for mass production, some problems may occur. The following are some of these problems and possible preventative measures to take.

- The difference in temperature, particularly in a thicker sheet, between the surface and the core of sheet during the heating or warming up. This problem can cause over-heating on the surface and mis-forming because the core is too cold. The solution to this problem is to lower the voltage and heat the sheet more slowly.
- The outside circumference for the sheet will not get enough heat. This may be caused by the clamping device cutting the infrared ray and transferring the heat away from the sheet into the metal causing the sheet to stretch unevenly resulting in thin bottom radii. The solution to this problem may be two-fold.

3. Cautions

Please keep in mind following special properties of acrylic sheet when you heat it.

3-1) Sheet shrinkage due to heating

Cast acrylic sheet shrinks about 2% after the first heating. When you cut a sheet, it is necessary to consider the sheet shrinkage and to have some allowance depending upon your choice of forming method and shape of formed products. With a forced air circulating oven special care should be taken in sheet size selection. Due to the fact that you must heat the sheet without clamping.

3-2) Bubbles or blisters due to over-heating

Different colors react to heat differently. Some colors are more easily overheated to the point of bubbles or blisters. In addition leaving acrylic sheet uncovered and open to moisture will cause the bubbles to appear at a lower temperature. Acrylic sheet is hygroscopic and absorb moisture. **Please keep stored in a dry warehouse leaving the polyethylene film attached until just prior to putting into the oven.**



壓克力浴缸板



◀ 衛浴板
Max size : up to 2000mm × 3000mm
Thickness : 2mm ~ 6mm

1. 成型溫度的設定

壓克力板正常合適成型溫度約在 160°C~185°C (華氏 320~365)。
但如果成型品的角徑小或缸體比較深的情況，則需要逐步提升成型溫度到 200°C (華氏 392) 左右。
前提：板材不可儲存或放置在高溫、潮濕環境下。

2. 加熱方法

不管使用何種類型的烤爐－逐步地提升溫度是重要的。
重點：整片板材－頂部、中間及底部－都需要徹底得到足夠且均勻的溫度。

2-1 強迫氣流循環烤爐

- 優點：風扇會均勻分散熱氣在整個烤爐，有利設定既定溫度。
- 缺點：板材在烤爐裡移進移出耗時太久。

2-2 紅外線或石英管烤爐

- 優點：加熱時間短，溫度的差異性高。
- 缺點：厚的板材表面容易過熱變形，而中心溫度卻尚低。

3. 其他警告

加熱時需要注意壓克力板的特殊性質。

3-1 加熱引起板材收縮

板材第一次加熱後約會縮小 2~3%，裁切板材時，需要依成型方式及成型缸體形狀考慮預留收縮空間。

3-2 過熱產生的氣泡或者水泡

不同顏色的壓克力板受熱不一。某些顏色更容易出現過熱的氣泡或者水泡。
任由板材沒有貼膜就直接曝露在水氣或濕度高的環境下，會使得溫度還未過熱，氣泡即出現。壓克力板有吸收水份的特性，**請保持倉庫乾淨及室內乾燥，不要撕除 PE 膜，直到入烤爐前一刻。**

Products and Applications

Antimicrobial Protection Sheet



Licensing of Registered Trade Mark of Ultra-Fresh

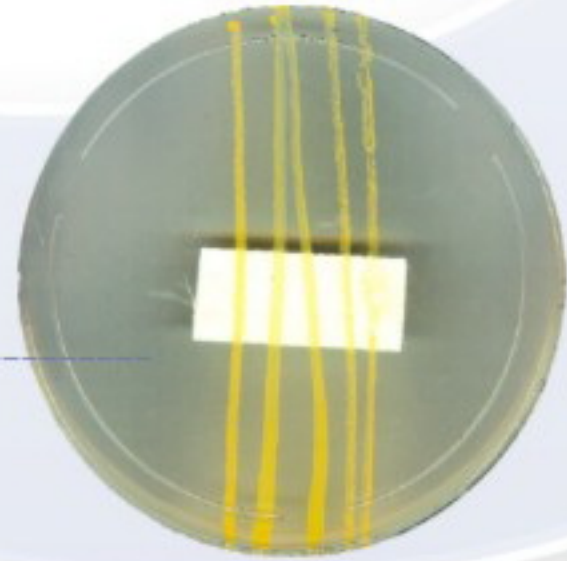
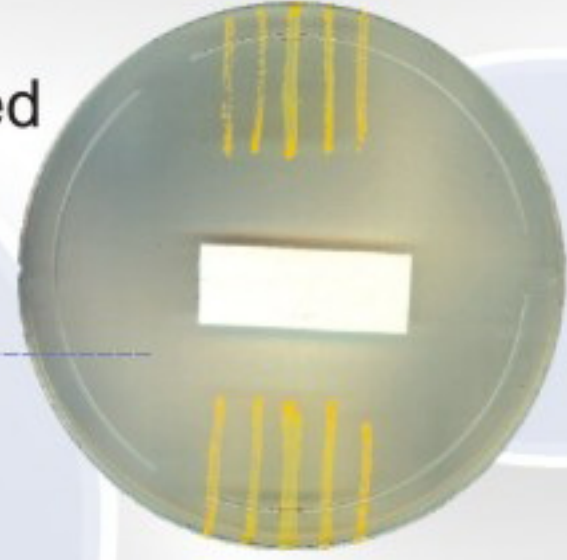
Cho Chen Industry Ltd produces acrylic sheet with a built-in Ultra-Fresh antimicrobial protection and the product has passed different tests, such as tests of SGS & FIRDI (Food Industry Research and Development Institute) in Taiwan. The performances of the product also comply with the standards of TRA (Thomson Research Associates) AATCC 147-2004 in Canada, which enables us to acquire the Registered Trade Mark of Ultra Fresh.

All of the microbiological tests run in the TRA laboratories use the standard international test methods approved by organizations such as ASTM and AATCC.

Ultra-Fresh 商標授權使用許可

玖成企業股份有限公司生產的防黴抗菌壓克力板，添加 Ultra-Fresh 抗菌配方，經台灣 SGS 及台灣食品工業發展研究所檢測，且符合加拿大 TRA AATCC 147-2004 檢測。達到防黴抗菌效果並取得抗菌商標授權。

加拿大多倫多之湯姆遜研究所 (Thomson Research Associates 簡稱 TRA) 所有 TRA 的測試均採用國際機構如 ASTM 及 AATCC 的標準國際測試方法。

Staphylococcus aureus (金黃色葡萄球菌)	Aspergillus niger (黑黴菌)
Untreated (未添加) 	Untreated (未添加) 
Ultra-Fresh-Treated (添加後) 	Ultra-Fresh-Treated (添加後) 



防黴抗菌壓克力板

Characteristics of the Antimicrobial Protection Sheet

- ◎ Increase level of hygiene; reduce the risk of bacterial infection.
- ◎ Inhibit grow of micro-organisms on the surface of the sheet, avoid odor and dark stains.
- ◎ Easier to clean and maintain the surface of the sheet.
- ◎ Better chemical resistance and easy to thermoform.

Applications of the Antimicrobial Protection Sheet

- ◎ Sanitary Ware (Bath tubs, Shower Trays)
- ◎ Hygienic Furniture (Medical & Laboratory Equipment)
- ◎ Nursing Accessories (Baby Bathtubs, Infant Incubator)
- ◎ Others (Food Cover etc)



防黴抗菌板特性

- ◎ 提升衛生層級，降低細菌感染。
- ◎ 抑制微生物在板面的生長，進而防止臭味及黑點的發生。
- ◎ 板面清洗及維護更輕鬆。
- ◎ 耐化學藥品性佳且不影響成型加工。

防黴抗菌板應用範圍

- ◎ 衛浴用品 (浴缸及淋浴盆)
- ◎ 衛生用品 (醫療及實驗器材)
- ◎ 育嬰用品 (嬰兒用浴缸及保溫箱)
- ◎ 其他 (食物罩等)



Products and Applications

壓克力隔音板

Noise Barrier

ACCREDITATIONS

CHOCHEN NOISE BARRIER complies with Plastics Industry Development Center (PIDC)'s requirements and is recommended to be used wherever continuous barrier is needed for noise reduction. The relevant reports are available on request.

FABRICATION

Drilling and cutting of CHOCHEN NOISE BARRIER may be done using typical woodworking tools. In order to minimize stress, which would result in subsequent cracking and even panel failure, the cutting tools must be sharp and heat build-up avoided.

WIND LOADING

At the project design stage the following should be considered:

- * The environment, e.g. exposure (even occasional) to high wind.
- * The client's specification.
- * Government requirements or regulations.

INSTALLATION

Typically a correctly mounted 2×2M CHOCHEN panel should be able to withstand wind gusts of 160 km/hr (=1250N/m²) without permanent deformation or damage. This can be achieved with CHOCHEN NOISE BARRIER for example, either 18mm panels with profiles on all four sides, or 20mm thickness with profiles on three sides.

THERMAL EXPANSION

Same as most plastics, CHOCHEN NOISE BARRIER has higher thermal expansion than traditional building materials, typically is 0.6 ~ 0.7 mm/m°C. The design of the mounting profiles must take this into account.

In addition to this, the effect of cutting accuracy and tolerances and moisture uptake should also be considered. Typically an overall expansion of 5 mm/m should be allowed.

BENEFITS OF CHOCHEN NOISE BARRIER / 玖成公司的隔音牆優點

- | | |
|---------------------------------|------------------------------|
| ◎ Nylon Stripe Embedded / 包埋尼龍線 | ◎ Superb Weathering / 耐候性極佳 |
| ◎ Light in Weight / 重量輕 | ◎ Optical Clarity / 透明度高 |
| ◎ Ease of Fabrication / 加工簡便 | ◎ Impact Performance / 抗衝性能強 |



▲ 隔音板
Max size : 2000mm × 3000mm
Thickness : 10mm ~ 25mm

檢測認證

玖成隔音板經國內業界檢測權威“財團法人塑膠工業技術發展中心 (PIDC)”檢測合格。使用在各種用途，如公路、鐵路及各種路段之隔音。檢測之相關報告可向玖成公司索取。

加工

玖成隔音板可使用普通木工機械進行鑽孔、裁切等加工。加工過程中產生的壓力可能誘發板材出現裂紋甚至導致板材報廢。為了盡量減少壓力，加工刀具一定要鋒利，同時注意避免局部過熱。

風載

在隔音項目設計階段，要充分考慮下列因素：

- * 現場的狀況，比如：是否會遇到大風（即便是偶爾遇到）
- * 業主的技術要求
- * 當地相關的法規。

安裝

安裝正確的 2×2m 的玖成隔音板，一般可抵禦風力達 160km/h (=1250N/m²) 的陣風，不會出現永久變形或發生損壞。用厚度為 18 毫米的玖成隔音板四面加固或用厚度為 20 毫米的板材三面加固都可達到這樣的效果。

熱膨脹

和大多塑膠材料一樣，玖成隔音板的熱膨脹比傳統的建築材料稍高—通常為 0.6~0.7 mm/m°C，在設計固定架時要考慮這一點。

除此以外，還應考慮裁切的準確度，板材尺寸公差和吸潮度等因素。建議安裝時通常留 5 毫米／米的熱膨脹總量。

Products and Applications

玟成耐化學性板

CRR Sheet (Chemical Reagent Resistance Sheet)

CRR sheet is specially formulated to make it more resistant to chemical attack, while also ensuring that it is as easy to thermoform as standard PMMA material.

CHARACTERISTICS

- More resistant to chemical attack.
- Easy to thermoform (suitable for laser cutting, flame polishing, hot bending, drilling, milling or screen printing.)
- More difficult to glue with standard acrylic glues, increased contact time with the glue will be required.
- Available upon request in any colour reference.
- Available in a smooth or matt finish.

APPLICATIONS

- POP perfumes, chemical agents
- Screen printing (under stress)
- External medical applications
- Beauty Salon
- Laboratory applications

TECHNICAL INFORMATION

OPTICAL				
Property	Method	Units	GP Cast	Cho Chen CRR Sheet
Light Transmission	ASTM D1003		92%	92%
CHEMICALS RESISTANCE				
Chemical agent	Method	Units	GP Cast	Cho Chen CRR Sheet
Resistance to Ethilic alcohol 85°	ASTM D543-06	15 days	Resistant	Resistant
Acetone	ASTM D543-06	4 h	Not resistant	Resistant
Ethyl Acetate	ASTM D543-06	8 h	Not resistant	Resistant
THERMAL				
Property	Method	Units	GP Cast	Cho Chen CRR Sheet
VICAT softening temperature VST/A50		°C	>110	>105
Maximum temperature (continous use)		°C	80	75
Thermoforming/bending temperature		°C	130-190	130-190



玟成 CRR 板是針對保護化妝品展示架開發的壓克力板。具優越的抗化學性侵蝕,同時它又兼具壓克力板的易加工性。

特性

- 耐化學侵蝕更強
- 加工性強(雷射切割、火燄拋光,熱彎曲,鑽孔及網印皆可)
- 黏著較不易,黏著時間需加長
- 可依客戶需要調配顏色
- 表面平滑與霧面處理皆可

應用

- 香水及化學物展示架
- 外用醫學設備
- 實驗室設備
- 絲網印刷
- 美容沙龍



Products and Applications

Agama Sheet (Color Changeable Sheet)

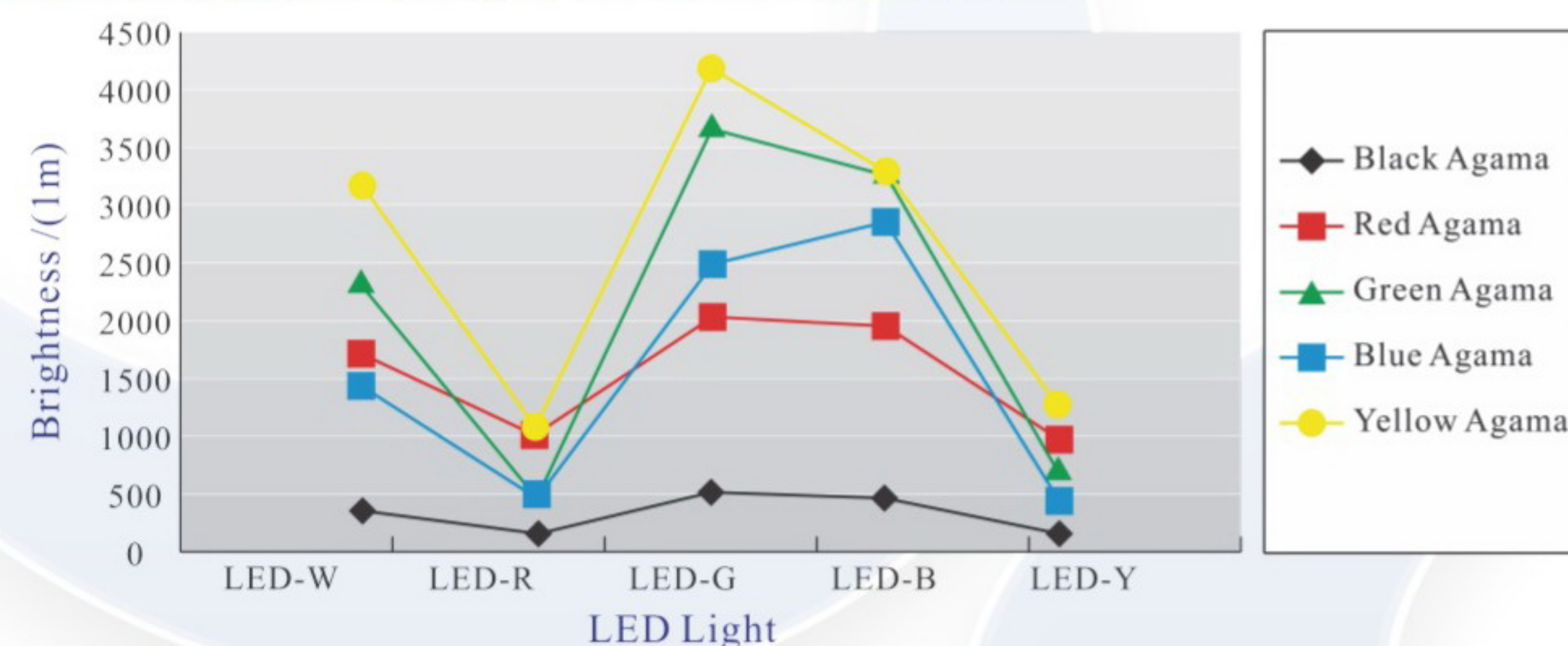
About Agama Acrylic Sheet

- * Color changeable acrylic sheets, made with 100% virgin MMA that are excellent weather-resistant also good physical properties.
- * Colors changeable subject to day and night time, one single sign can achieve double or versatile effects on advertisement.
- * Principle of color changeability involves the specific coloring compounds that the original colors(turn lights off by day) of acrylic signs be changed to colorful effects of neon lights or LED lights (better effects by using LED).

Connection Between Agama Sheet and LED light

LED:	MS	Distance	1.5 cm	PS:2cm from the edge to the light offers a better effect on brightness.	
		Light:	4		
8 cm	LED-W	LED-R	LED-G	LED-B	LED-Y
Black Agama	365	115	510	460	123
Red Agama	1670	970	2000	1900	778
Green Agama	2280	376	3620	3210	557
Blue Agama	1430	354	2440	2800	341
Yellow Agama	3100	1064	4090	3210	1090

Brightness of different LED lights with the same Agama Color



Application of Agama acrylic sheets

- * Applied to characters, advertisement symbols, display stands, signage, interior decoration and partition walls.
- * PVC plastic film: Agama acrylic sheet itself can be color changeable and with plastic film of outfitted characters, pictures or special design of high light resistance PVC film for variable color effects.
- * Thermal plasticity: like the ordinary acrylic sheets.
- * There're five colors available for users' selection and other colors can be developed per customers' requirements.

變色龍

Specification and Available Colors

Product	Color	Color Code	Standard size	Thickness
Agama sheet with one side MATT surface	Black	D501	1270mm x 1880mm 1220mm x 2440mm 1295mm x 2540mm 2050mm x 3050mm	3.0mm 4.0mm 5.0mm
	Blue	B302		
	Green	G303		
	Red	R104		
	Yellow	Y205		

5 colors available



(other colors can be provided on request)

關於壓克力變色龍板

- * 一種可以變色的壓克力板，材料為 100% 之壓克力。此產品有傑出之耐候性及物理特質。
- * 會隨著白天黑夜而變色，單一招牌就可以達到雙重或多重的廣告效果。
- * 變色原理為含有特殊變色配方，表現出白天(關燈時)為原來的壓克力本色，晚上(開燈時)為燈管或 LED 燈光的顏色效果。[搭配 LED 使用效果更加]

變色龍板適用範圍及應用

- * 適用於凸型字、廣告及產品陳列架、標示牌、室內裝潢及隔間。
- * 適用於 PVC 希得貼膜：壓克力變色龍板具有變色功能，外貼字型、圖形或特殊造型的高遮光性 PVC 希得貼膜，可增加變化。
- * 應用熱塑成型：加工方式如一般的壓克力板，可熱塑成型或真空吸塑成型。

Examples 範例

Lights off
(day time)
白天(關燈時)



Lights on
(night time)
夜晚(開燈時)



More Examples at <http://chochen.acrylicap.com>

Physical Properties

壓克力物理特性表

物 性	Property	ASTM	Unit	Value
光 學 性 質	Optical			
透 光 率	Light Transmittance	D1003	%	92
屈 折 率	Refractive Index	D542		1.49
比 重	Specific Gravity	D792		1.19
熱 性 質	Thermal			
熱成型溫度	Hot Forming Temp	—	°C	170-190
熱變形溫度	Heat Distortion Temp	D648	°C	100
熱膨脹係數	Coefficient of Linear Thermal Expansion	D696	μm/m/°C	6×10 ⁻⁵
比 熱	Specific Heat	—	Cal/gr°C	0.35
機 械 性 質	Mechanical			
引 張 強 度	Tensile Strength	D638	kg/cm2	740
	Rupture		kg/cm2	3×10 ⁴
	Modulus of Elasticity		%	3.0
	Elongation at Rupture			
彎 曲 強 度	Flexural Strength	D790	kg/cm2	1,200
	Rupture		kg/cm2	3×10 ⁴
	Modulus of Elasticity			
壓 縮 強 度	Compressive Strength	D695	kg/cm2	1,260
	Yield		kg/cm2	3×10 ⁴
	Modulus of Elasticity			
剪 斷 強 度	Shear Strength	D732	kg/cm2	630
衝 擊 強 度	Impact Strength (Notched)	D256	kg-cm/cm (ft-1b/in)	2.0 (0.37)
洛 式 強 度	Rockwell Hardness	D785		M-100
電 氣 性 質	Electrical			
表 面 電 阻	Surface Resistivity	—	ohm	> 10 ¹³
體 積 電 阻	Volume Resistivity	D257	ohm cm	> 10 ¹⁴
介 電 強 度	Dielectric Strength	D149	kv/mm	20
其 他	Miscellaneous			
燃 燒 速 率	Flammability	UL #E320835		HB
吸 水 率	Water Absorption (24Hrs)	D570	%	0.3
臭	Odor	—		None
味	Taste	—		None

Chemicals/Solvent Resistance of Cast Acrylic Sheet

壓克力耐化學藥品性

耐化學藥品性Chemicals		耐溶劑性Solvents
硫酸60% Sulfuric acid (60%)	至為安定 None	△在常溫不可侵蝕者： 乙烷、辛烷、石油(芳香族少量者) No dissolution will occur at normal temperature: Ethane、Octane、Petroleum、Methyl Alcohol、Ethyl Alcohol。
鹽酸30% Hydrochloric acid (30%)	至為安定 None	
硝酸20% Nitric acid (20%)	至為安定 None	△在常溫難溶解但可發生膨脹或缺點者： 丁醇、異丙醇、四氯化碳 Slight swelling or craze may occur at normal temperature: Butanol、Isopropanol、Carbon tetrachloride。
醋酸 Acetic acid	溶解 Dissolved	
氟化氫水 Hydrogen fluoride	不可侵 None	△在常溫可溶解者： 丙酮、苯、甲苯、二氯化稀、氯仿、乙酸乙酯 Dissolution may occur at normal temperature: Acetone、Benzene、Toluene、Ethylene Dichloride、Ethyl acetate。
苛性鈉50% Caustic soda (50%)	至為安定 None	
氨水18% Ammonia Aqua (18%)	至為安定 None	變為黯然 Darkish
氨水28% Ammonia Aqua (28%)	至為安定 None	
氯水 Chlorine water	變為黯然 Darkish	甚易著色 Discoloring
碘水 Iodine tincture	甚易著色 Discoloring	

Tolerance of Thickness / 壓克力厚度公差表

Thickness,mm	%	Tolerance,mm	Thickness,mm	%	Tolerance,mm
2.0	15%	1.7~2.3	13.0	8%	12.0~14.0
2.5	10%	2.3~2.8	15.0	8%	13.8~16.2
3.0	8%	2.8~3.2	16.0	8%	14.7~17.3
4.0	8%	3.7~4.3	18.0	8%	16.6~19.4
4.5	8%	4.1~4.9	20.0	8%	18.4~21.6
5.0	8%	4.6~5.4	25.0	5%	23.8~26.3
6.0	8%	5.5~6.5	30.0	5%	28.5~31.5
8.0	8%	7.4~8.6	38.0	5%	36.1~39.9
10.0	8%	9.2~10.8	44.0	5%	41.8~46.2
12.0	8%	11.0~13.0	50.0	5%	47.5~52.5

The Specification of Acrylic Sheet

(Taiwan Factory)

台灣廠壓克力板規格表

— MATT SHEET —														
Code	Q1	LO	TO	V	Y	R	S	L1	L3	B	N	KO	SM1／SM2	LoM1／LoM2
Size(mm) Thickness (mm)	1220*1830 48"*72"	1220*2440 48"*96"	920*1830 36"*72"	1530*1530 60"*60"	1524*2440 60"*96"	1830*2440 72"*96"	1270*1880 50"*74"	1270*2490 50"*98"	1296*2540 51"*100"	1000*2000 39 1/4 " * 78 3/4 "	1220*2000 48"*78 3/4 "	1600*1778 63"*70"	1270*1880 50"*74"	1220*2440 48"*96"
2.0m/m	⊙	⊙	⊙	⊙			⊙	⊙	⊙	⊙	⊙			
2.5m/m	⊙	⊙	⊙	⊙			⊙	⊙	⊙	⊙	⊙		⊙	⊙
2.8m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
3.0m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
3.5m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
3.8m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
4.0m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
4.5m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
5.0m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
5.5m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
6.0m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
8.0m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙			1220*1830	⊙
9.0m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙			⊙	⊙
9.5m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙			⊙	⊙
10.0m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙			⊙	⊙
12.0m/m	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙			⊙	⊙
13.0m/m	⊙	⊙	⊙				⊙	⊙		⊙				
15.0m/m	⊙	⊙	⊙				⊙	⊙		⊙				
18.0m/m	⊙	⊙	⊙				⊙	⊙		⊙				
20.0m/m	⊙	⊙	⊙				⊙	⊙		⊙				
25.0m/m	⊙	⊙												
30.0m/m	⊙	⊙												
32.0m/m	⊙	⊙												
35.0m/m	⊙	⊙												
38.0m/m	⊙	⊙												
40.0m/m	⊙	⊙												
45.0m/m	⊙	⊙												
50.0m/m	⊙	⊙												

The Specification of Acrylic Sheet

(Vietnam Factory)

越南廠壓克力板規格表

												MATT SHEET		
Code	LO	L3	Y	R	E	F	G	A	Q	P	N	L0M1	L3M1	AM1
Size(mm) Thickness (mm)	1220*2440 48"×96"	1296*2540 51"*100"	1600*2540 63"*100"	1905*2540 75"*100"	1270*3048 50"*120"	1575*3048 62"*120"	1880*3048 74"*120"	2050*3050 80"*120"	1220*1830 48"*72"	1350*2000 53"*78 3/4"	1180*1960 46"*77"	1220*2440 48"*96"	1296*2540 51"*100"	2050*3050 80"*120"
2.0m/m	◎								◎	◎	◎			
2.5m/m	◎	◎							◎	◎	◎	◎	◎	
2.8m/m	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
3.0m/m	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
3.5m/m	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
3.8m/m	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
4.0m/m	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
4.5m/m	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
5.0m/m	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
5.5m/m	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
6.0m/m	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
8.0m/m	◎	◎	◎	◎	◎	◎		◎	◎	◎	◎	◎	◎	
9.0m/m	◎	◎	◎	◎	◎	◎		◎	◎	◎	◎	◎	◎	
10.0m/m	◎	◎	◎	◎	◎	◎		◎	◎	◎	◎	◎	◎	
12.0m/m	◎	◎	◎	◎	◎	◎		◎	◎	◎	◎	◎	◎	
15.0m/m	◎								◎			◎		
18.0m/m	◎								◎			◎		
20.0m/m	◎								◎			◎		
25.0m/m	◎								◎					
30.0m/m	◎								◎					
32.0m/m	◎								◎					
35.0m/m	◎								◎					
38.0m/m	◎								◎					
40.0m/m	◎								◎					
45.0m/m	◎								◎					
50.0m/m	◎								◎					

CHO CHEN



Cho Chen Industry Co., Ltd

—— 玖成企業股份有限公司 ——

